

Converting Colors

Hex(036234)

Have a look what the booklet for
Hex(036234) contains.

Hex(036234)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(036234)

Conversions

Conversions Part 1

Format	Color
Hex	036234
RGB	3, 98, 52
RGB Percent	1%, 38%, 20%
CMY	0.9882, 0.6157, 0.7961
CMYK	0.97, 0.00, 0.47, 0.62
HSL	151°, 94%, 20%
HSV	151°, 97%, 38%
XYZ	5.0251, 9.0027, 4.7217
YIQ	64.3510, -41.8540, -34.4460

Conversions

Conversions Part 2

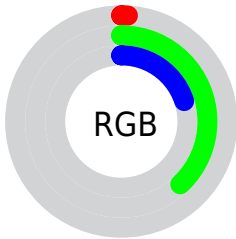
Format	Color
RYB	3, 66, 98
Decimal	221748
CIELab	35.99, -36.43, 19.37
CIELCh	36, 41.262, 152.000
Yxy	9.0027, 0.2680, 0.4802
Android (android.graphics.Color)	4278411828 (0xFF036234)
YUV	64.3510, -6.0890, -53.8048
Hunter-Lab	30.0044, -22.6130, 11.6729

Details

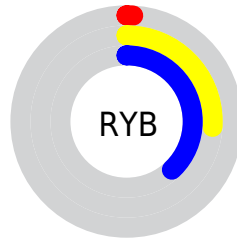
The Hex color **036234** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **620331**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **469663**, and **003207** is the 20% darker color. If you saturate the color by 10%, you get **006233**, and if you desaturate by 10%, it is **0D6239**.

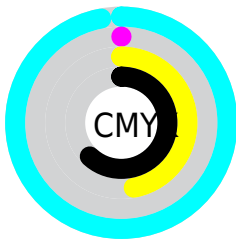
Distribution



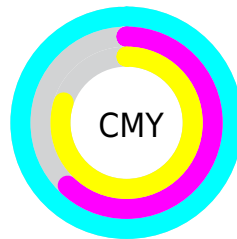
- Red (1%)
- Green (38%)
- Blue (20%)



- Red (1%)
- Yellow (26%)
- Blue (38%)



- Cyan (97%)
- Magenta (0%)
- Yellow (47%)
- Black (62%)



- Cyan (99%)
- Magenta (62%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 036234 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 036234 by changing the saturation by 10% instead.

 036234

 036234

FFFFFF

 004A1E

 469663

 003207

 61B17C

 001D00

 7CCC96

 000000

 97E9B1

 B3FFCD

 D0FFE9

 EDFFFF

 036234

 036234

■ 006233

■ 0D6239

■ 17623D

■ 206242

■ 2A6247

■ 34624C

■ 3E6250

■ 486255

■ 51625A

■ 5B625F

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



425D17



036234



006456

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



036234



005897



8E3A34

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



036234



620331

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



8F3554



036234



584B8D

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



036234



00608F



7E3C74



7E4718

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



036234



00646C



7E3C74



90373E

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



036234



5B806E



336203



294035



BFBFBF



404040

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



036234



008042



036262



2C302E



00703A



00F07C

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



620331



80003E



620303



302C2E



700036



F00074

Previews

White Background



This preview shows how the Hex color 036234 looks on a white background.

Color Contrast Check

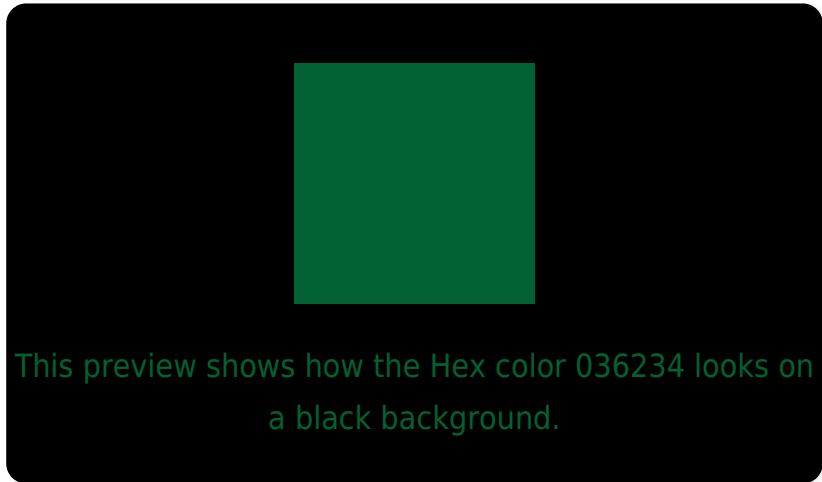
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 036234 Background



This preview shows how black text looks on a background with the Hex color 036234.



This preview shows how white text looks on a background with the Hex color 036234.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
036234

Protanopia
5D552F

Deuteranopia
665138



Tritanopia
255D64

Trichromacy



Original Color

036234



Protanomaly

3C5A31



Deuteranomaly

425737



Tritanomaly

195F53

Monochromacy



Original Color

036234



Achromatopsia

404040



Achromatomaly

2A4C3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 036234 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #036234 looks like.

```
.text, #text, p{  
    color:#036234  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #036234 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #036234
}
```

Border

The CSS property to change the border of an element to Hex 036234 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#036234 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#036234 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #036234 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #036234; -webkit-box-shadow:4px 4px  
4px 4px #036234; box-shadow:4px 4px 4px  
4px #036234 }
```

Background

The CSS property to change the background color of an element to Hex 036234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#036234 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#036234 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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